

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Previously Presented) A display device comprising:
a liquid crystal panel including a liquid crystal material;
a light reflector provided behind the liquid crystal panel; and
a light diffuser arranged between the liquid crystal material and the light reflector, the light diffuser having forward scattering characteristics, a space between the light diffuser and the light reflector being a certain distance;

the light diffuser and the distance satisfying the following relationship:

$$H(\%) \geq -200d + 140(\text{mm})$$

wherein d is the distance between the light diffuser and the light reflector, and H is a haze value of the light diffuser; and

wherein $0.7 \geq d \geq 0.2\text{mm}$.

2. (Previously Presented) A display device according to Claim 1, further comprising a color filter proximate the liquid crystal panel, the color filter being equipped with a plurality of colors.

3. (Previously Presented) A display device according to Claim 2, wherein the plurality of colors included red, green and blue colors.

4. (Previously Presented) A display device according to Claim 1, further comprising:

a polarizer provided between the liquid crystal panel and the light reflector,
wherein the polarizer substantially transmits a light of a first polarization direction and substantially absorbs a light of a second polarization direction,
wherein the first and the second polarization directions are different from each other.

5. (Cancelled)

6. (Previously Presented) A display device according to Claim 1, further comprising an illuminating device having light guiding member and a light source capable of introducing light to the light guiding member,

the illuminating device being arranged between the light diffuser and the light reflector.

7. (Previously Presented) A display device according to Claim 1, further comprising:

a polarizer provided between the liquid crystal panel and the reflector, the polarizer separating light depending on a polarization direction of the light;

a reflection polarizing plate provided between the polarizer and the reflector, the reflection polarizing plate separating light depending on a polarization direction of the light;

a transmission axis of the polarizer coinciding with a transmission axis of the reflection polarizing plate.

8. (Previously Presented) An electronic apparatus equipped with a display device according to claim 9.

9. (Previously Presented) A display device according to Claim 1, further comprising a polarizer on a front side of the liquid crystal panel.

10. (Previously Presented) A display device according to Claim 1, further comprising a reflection polarizing plate between the liquid crystal panel and the light reflector,

wherein the reflection polarizing plate substantially transmits a light of a first polarization direction and substantially reflects a light of a second polarization direction, the first and second polarization directions being different from one another.

11. (Previously Presented) A display device according to Claim 9, wherein the display device further comprises at least one of a reflective type and a transfective type display device.

12 – 15. (Cancelled)

16. (Currently Amended) A display device adapted to provide both reflection type display and transmission type display, the device comprising:

a liquid crystal panel including a liquid crystal material and a color filter equipped with a plurality of colors;

an illuminating device adapted to illuminate the liquid crystal panel in a transmission type display mode;

the illuminating device including a light guiding member;

a light reflector adapted to reflect an external light impinged upon the liquid crystal panel in a reflection type display mode, the light reflector being positioned behind the illumination device relative to the external light;

a light diffuser arranged between the liquid crystal material and the light reflector, the light diffuser having forward scattering characteristics, a space between the light diffuser and the light reflector being a certain distance, the light diffuser and the distance satisfying the following relationship:

$$H(\%) \geq -200d + 140(\text{mm})$$

wherein d is the distance between the light diffuser and the light reflector, ~~and H~~ is a haze value of the light diffuser, $0.3\text{mm} \leq d \leq 2.0\text{mm}$, and $5\% \leq H \leq 95\%$.

17. (Cancelled).

18. (Currently Amended) A display device according to Claim ~~17~~16, wherein the plurality of colors include red, green and blue colors.

19. (Previously Presented) A display device according to Claim 16, further comprising:

a polarizer provided between the liquid crystal panel and the light reflector,
wherein the polarizer substantially transmits a light of a first polarization direction and substantially absorbs a light of a second polarization direction,
wherein the first and the second polarization directions are different from each other.

20. (Previously Presented) A display device according to Claim 16, further comprising a light source adapted to introduce light to the light guiding member.

21. (Previously Presented) A display device according to Claim 16, wherein the illuminating device is arranged between the light diffuser and the light reflector.

22. (Previously Presented) A display device according to Claim 16, further comprising:

a polarizer provided between the liquid crystal panel and the reflector, the polarizer separating light depending on a polarization direction of the light; and

a reflection polarizing plate provided between the polarizer and the reflector, the reflection polarizing plate separating light depending on a polarization direction of the light;

a transmission axis of the polarizer coinciding with a transmission axis of the reflection polarizing plate.

23. (Previously Presented) A display device according to Claim 16, further comprising a polarizer on a front side of the liquid crystal panel.

24. (Previously Presented) A display device according to Claim 16, further comprising a reflection polarizing plate between the liquid crystal panel and the light reflector,

wherein the reflection polarizing plate substantially transmits a light of a first polarization direction and substantially reflects a light of a second polarization direction, the first and second polarization directions being different from one another.